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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

<i>Application Number</i>	10/760,466
<i>Filing Date</i>	January 21, 2004
<i>First Named Inventor</i>	Carl J. Ledbetter, et al.
<i>Art Unit</i>	2673
<i>Examiner Name</i>	Lun Yi Lao
<i>Attorney Docket Number</i>	003797.00717

Sheet	1	of	1
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

L. J. Fox

Date Considered

7124106

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00)

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Sheet		1	of		2
		Application Number		TBA	
		Filing Date		January 21, 2004	
		First Named Inventor		Carl J. Ledbetter et al.	
		Group Art Unit		TBA	
		Examiner Name		TBA	
		Attorney Docket Number		003797.00717	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
LL		D 431,037		Varga et al.	09/19/2000	
		4,712,101		Culver	12/08/1987	
		4,720,703		Schnare, Jr. et al.	01/19/1988	
		5,235,868		Culver	08/17/1993	
		5,477,508		Will	12/19/1995	
		5,510,811		Tobey et al.	04/23/1996	
		5,517,257		Dunn et al.	05/14/1996	
		5,912,661		Siddiqui	08/15/1999	
		6,075,518		Pruchniak	06/13/2000	
		6,097,371		Siddiqui et al.	08/01/2000	
		6,281,881		Siddiqui et al.	08/28/2001	
		6,323,844		Yeh et al.	11/27/2001	
		6,353,429		Long	03/05/2002	
LL		6,380,927		Ostrum et al.	04/30/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
				</				

Examiner Signature	/Lun Lao/	Date Considered	07/24/2006
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Attorney Docket Number		003797.00717			
Sheet	2	of	2		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LL		Web page reviewing "Kensington TurboRing Trackball"; <a href="http://www.avault.com/hardware/print_review.asp?review=turboRing">http://www.avault.com/hardware/print_review.asp?review=turboRing</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page reviewing "TurboRing"; <a href="http://www.macworld.com/2000/10/reviews/turboRing.html">http://www.macworld.com/2000/10/reviews/turboRing.html</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page from "Van's Hardware"; <a href="http://www.vanshardware.com/reviews/2001/october/011002_TurboRing.htm">http://www.vanshardware.com/reviews/2001/october/011002_TurboRing.htm</a> ; published 10-02-2001.	
		Web page reviewing "TurboRing"; <a href="http://www.keyall.com/pointdevices/turboRing.htm">http://www.keyall.com/pointdevices/turboRing.htm</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page for "Micro TRAC™"; <a href="http://www.microspeed.com/products/pd600s.html">http://www.microspeed.com/products/pd600s.html</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page for "Kid TRAC" model PD-280S; <a href="http://www.microspeed.com/products/kidtrac.html">http://www.microspeed.com/products/kidtrac.html</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page for "KID TRAC USER'S MANUAL"; <a href="http://www.microspeed.com/pages/support/manuals/kidtracm.html">http://www.microspeed.com/pages/support/manuals/kidtracm.html</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page for "Ateck" A4 RFW-33 Radio Wireless PS/2 Mouse; <a href="http://www.shop.store.yahoo.com/4itech/a4rfwadwrps.html">http://www.shop.store.yahoo.com/4itech/a4rfwadwrps.html</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page for "Sakar Yahoo! 4D Internet Scroll Mouse" and "Sakar Optical Mouse w/Email alert Metallic Silver (USB)"; <a href="http://www.slapr.com/products/Input_Devices/Mice_and_Trackballs/">http://www.slapr.com/products/Input_Devices/Mice_and_Trackballs/</a> ; publication date unknown, but believed to be prior to 08/28/02.	
		Web page for "ICONCEPTS 70152"; <a href="http://www.panwebi.com/products/computer/mouse/70152.htm">http://www.panwebi.com/products/computer/mouse/70152.htm</a> ; publication date unknown, but believed to be prior to 08/28/02.	
LL		Web page for "Yahoo 8D Internet Mouse"; <a href="http://www.panwebi.com/products/computer/mouse/8dinternetmouse.htm">http://www.panwebi.com/products/computer/mouse/8dinternetmouse.htm</a> ; publication date unknown, but believed to be prior to 08/28/02.	

Examiner Signature	/Lun Lao/	Date Considered	07/24/2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete If Known**

Application Number	10/760,466
Filing Date	January 21, 2004
First Named Inventor	Carl J. Ledbetter, et al.
Art Unit	2673
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.00717

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
I.L.		US- 2005/0104854	05-19-05	Su et al.	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/Lun Lao/

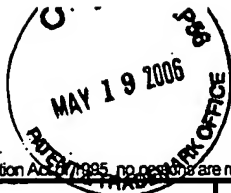
Date  
Considered

07/22/2006

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Sheet 1 of 2

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Application Number	10/760,466
Filing Date	January 21, 2004
First Named Inventor	Carl J. Ledbetter, et al.
Art Unit	2629
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.00717

**U.S. PATENT DOCUMENTS**

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		Number - Kind Code <sup>2</sup> (if known)			
LL		US- 2002/0175893	11-28-2002	Ore-Yang	
LL		US- 2002/149566	10-2002	Sarkissian	
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
LL		Taiwan 356265	04-11-1999			Yes
W		Taiwan 347128	12-01-1998			Yes
		CN1267016A	09-20-2000		Drawings	
LL		CN2491885	05-15-2002		Drawings	

Examiner  
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/Lun Lao/

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First Named Inventor	Carl J. Ledbetter, et al.
Art Unit	2629
Examiner Name	Lun Yi Lao
Attorney Docket Number	003797.00717

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LL		Shanghai Patent & Trademark Law Office, Notice on Office Action (with English Translation), Application 03123840.8, dated January 6, 2006.	

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/Lun Lao/

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